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(12) **United States Plant Patent**
Goetz

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(54) **FUCHSIA PLANT NAMED 'GOETZCARL'**

PP1,202 P * 7/1953 Tired Plt./300
PP1,309 P * 10/1954 Tired Plt./300

(50) Latin Name: *Fuchsia*×*hybrida*
Varietal Denomination: **Goetzcarl**

OTHER PUBLICATIONS

(76) Inventor: **Wolfram Goetz**, Brahmsweg 3,
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UPOV ROM GTITM Computer Database, GTI Jouve
Retrieval Software 2003/04 Citation for 'Goetzcarl'.*

(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 0 days.

* cited by examiner

(21) Appl. No.: **10/385,252**

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(51) **Int. Cl.**⁷ **A01H 5/00**

(57) **ABSTRACT**

(52) **U.S. Cl.** **Plt./300**

A new and distinct cultivar of Fuchsia plant named
'Goetzcarl', characterized by its upright, somewhat out-
wardly spreading and compact plant habit; freely branching
habit; dense and full plant growth habit; and numerous violet
and red-colored flowers.

(58) **Field of Search** **Plt./300**

(56) **References Cited**

U.S. PATENT DOCUMENTS

PP1,201 P * 7/1953 Tired Plt./300

1 Drawing Sheet

1

2

Botanical classification/cultivar designation: *Fuchsia*×*hy-
brida* cultivar Goetzcarl.

The following traits have been repeatedly observed and
are determined to be the unique characteristics of 'Goetz-
carl'. These characteristics in combination distinguish
'Goetzcarl' as a new and distinct Fuchsia cultivar:

BACKGROUND OF THE INVENTION

The present invention relates to a new and distinct cultivar
of Fuchsia plant, botanically known as *Fuchsia*×*hybrida*,
and hereinafter referred to by the name 'Goetzcarl'.

- 5 1. Upright, somewhat outwardly spreading and compact
plant habit.
2. Freely branching habit; dense and full plant growth
habit.
- 10 3. Numerous violet and red-colored flowers.

The new Fuchsia is a product of a planned breeding
program conducted by the Inventor in Hebrechtingen, Ger-
many. The objective of the breeding program was to create
new Fuchsia cultivars with compact plant habit and numer-
ous attractive flowers.

Sepal color of plants of the new Fuchsia is more intense
than sepal color of plants of the female parent. In addition,
plants of the new Fuchsia flower earlier than plants of the
female parent. Plants of the new Fuchsia are more compact
and more freely flowering than plants of the male parent.

The new Fuchsia originated from a cross-pollination
made by the Inventor of a proprietary selection *Fuchsia*×
hybrida identified as code number 370/97, not patented, as
the female, or seed, parent with a proprietary selection
Fuchsia×*hybrida* identified as code number 129/97, not
patented, as the male, or pollen, parent. The cultivar Goet-
zcarl was discovered and selected by the Inventor as a
flowering plant within the progeny of the stated cross-
pollination in a controlled environment in Hebrechtingen,
Germany, during the summer of 1997.

Plants of the new Fuchsia can be compared to the cultivar
Goetzviol, disclosed in a U.S. Plant Patent application filed
concurrently. In side-by-side comparisons conducted in
Hebrechtingen, Germany, plants of the new Fuchsia had
larger leaves than plants of the cultivar Goetzviol and
differed in flower coloration.

Asexual reproduction of the new Fuchsia by terminal
cuttings taken at Hebrechtingen, Germany has shown that
the unique features of this new Fuchsia are stable and
reproduced true to type in successive generations.

BRIEF DESCRIPTION OF THE PHOTOGRAPHS

BRIEF SUMMARY OF THE INVENTION

The cultivar Goetzcarl has not been observed under all
possible environmental conditions. The phenotype may vary
somewhat with variations in environment such as tempera-
ture and daylength, without, however, any variance in geno-
type.

25 The accompanying colored photographs illustrate the
overall appearance of the new Fuchsia, showing the colors
as true as it is reasonably possible to obtain in colored
reproductions of this type. Colors in the photographs may
differ slightly from the color values cited in the detailed
botanical description which more accurately describe the
30 colors of the new Fuchsia.

The photograph at the top of the sheet comprises a side
perspective view of three typical flowering plants of 'Goet-
zcarl' grown in a 15-cm container.

35 The photograph at the bottom sheet is a close-up view of
typical flowers, flower buds and leaves of 'Goetzcarl'.

DETAILED BOTANICAL DESCRIPTION

The aforementioned photographs and following observations and measurements describe plants grown in Bonsall, Calif., under commercial practice during the winter in a polypropylene-covered shadehouse with day temperatures ranging from 18 to 35° C., night temperatures ranging from 7 to 18° C., and light levels about 5,000 to 7,000 foot-candles. Three rooted cuttings were planted per 15-cm container and plants were grown for about nine weeks. In the following description, color references are made to The Royal Horticultural Society Colour Chart, 1995 Edition, except where general terms of ordinary dictionary significance are used.

Botanical classification: *Fuchsia*×*hybrida* cultivar Goetz-carl.

Parentage:

Female or seed parent.—Proprietary selection of *Fuchsia*×*hybrida* identified as code number 370/97, not patented.

Male, or pollen, parent.—Proprietary selection of *Fuchsia*×*hybrida* identified as code number 129/97, not patented.

Propagation:

Type cutting.—Terminal cuttings.

Time to initiate roots.—About two to three weeks.

Time to produce a rooted cutting.—About eight weeks.

Root description.—Fine and freely-branching; white to light brown in color.

Plant description:

Form.—Upright, somewhat outwardly spreading and compact plant habit; inverted triangle. Freely branching habit; dense and full plants; about four lateral branches develop per plant; pinching (removal of terminal apex) enhances lateral branch development. Freely flowering. Moderately vigorous.

Plant height at flowering.—About 21 cm.

Plant diameter at flowering.—About 15 cm.

Lateral branch description.—Length: About 15 cm.

Diameter: About 3 mm. Internode length: About 3.1 cm. Strength: Strong. Texture: Slightly pubescent. Color: 146B.

Foliage description.—Arrangement: Simple, opposite.

Length: About 3.3 cm. Width: About 1.8 cm. Shape: Ovate to lanceolate. Apex: Acute. Base: Obtuse. Margin: Mostly entire with a few shallow points. Texture, upper and lower surfaces: Smooth, glabrous. Venation pattern: Pinnate, arcuate. Petiole length: About 1 cm. Petiole diameter: About 1 mm. Petiole texture, upper and lower surfaces: Smooth, glabrous. Color: Developing and fully expanded leaves, upper surface: 147A. Developing and fully expanded leaves, lower surface: 147B. Venation, upper surface: 147B. Venation, lower surface: 147C. Petiole, upper and lower surfaces: 146B.

Flower description:

Flower type and habit.—Single bi-colored axillary flowers. Freely flowering; potentially two flowers

per leaf axil; about two to three open flowers and about eight flower buds per lateral branch. Flowers not persistent. Flowers not fragrant.

Natural flowering season.—March through October in southern California; flowering continuous during this period.

Flower longevity.—Flowers last about five days on the plant.

Flower orientation.—Initially upright, then pendulous.

Flower diameter.—About 4.5 cm.

Flower height.—About 5.5 cm.

Flower buds.—Shape: Elongated, ovoid. Length: About 2.6 cm. Width: About 8 mm. Color: Towards the apex, 52A; towards the base, 53B.

Petals.—Quantity: Four; arranged in a single whorl, imbricate. Length: About 1.5 cm. Width: About 1.7 cm. Shape: Ovate to cordate. Apex: Slightly emarginate. Margin: Entire. Texture, upper and lower surfaces: Glabrous, smooth, velvety. Color: When opening, upper and lower surfaces: Darker than 90A. Fully opened, upper and lower surfaces: 90B; towards the base, 58B; with development, color becoming closer to 77A.

Sepals.—Quantity: Four; arranged in a single whorl, fused at base. Length, from apex of tube to apex of sepals: About 2.6 cm. Length, tube: About 8 mm. Width: About 8 mm. Tube diameter: About 5 mm. Shape: Narrowly elliptic to linear. Apex: Acuminate. Margin: Entire. Texture, upper and lower surfaces: Glabrous, smooth. Color: When opening, upper surface: 52A. When opening, lower surface: 53C. Fully opened, upper and lower surfaces: 52A. Tube: 52A.

Peduncles.—Length: About 1.2 cm. Diameter: About 1.5 mm. Aspect: Horizontal to arching. Strength: Strong. Texture: Smooth, glabrous. Color: 144A.

Reproductive organs.—Stamens: Stamen number: Eight per flower. Anther size: About 2 mm by 2 mm. Anther shape: Nearly round. Anther color: 53B. Pollen amount: Scarce. Pollen color: 10C. Pistils: Pistil number: One per flower. Pistil length: About 5.2 cm. Style length: About 4.6 cm. Style color: 67D. Stigma shape: Rounded, four-segmented. Stigma color: 10D. Ovary color: 144A.

Seed/fruit.—Seed and fruit production has not been observed.

Disease/pest resistance: Plants of the new Fuchsia have not been observed to be resistant to pathogens and pests common to Fuchsias.

Temperature tolerance: Plants of the new Fuchsia have been observed to tolerate low temperatures of 0° C. and high temperatures of 38° C.

Garden performance: Plants of the new Fuchsia perform have been observed to perform well in the garden and are tolerant to rain and wind.

It is claimed:

1. A new and distinct cultivar of Fuchsia plant named 'Goetzcarl', as illustrated and described.

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